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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Chin, et al.

Serial No.: 09/735,315

Filing Date: 12/12/2000

Title: Open-loop Laser Driver Having an Integrated Digital Controller

Examiner: Armando Rodriguez

Group Art Unit: 2828

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Amendment

Dear Sir:

In response to the Office Action dated 29 March 2002, having a three-month statutory period expiring 29 June 2002, Applicants respectfully request reconsideration of the application in view of the following Amendments and Remarks. Please amend the specification as follows:

In the disclosure:

Pg 12, line 18 - pg 13, line 3

Temperature Measurement Block [234] 334

As the VCSEL operating parameters need to change over time or temperature, the controller 200 updates the drive parameters in real time. For example, adjustments for temperature can occur periodically (e.g., in intervals of 30 milliseconds). In one embodiment, the temperature compensation mechanism 250 can be implemented in part by a temperature measurement block (TMB) [234] 334 and an analog to digital converter 330. The temperature measurement block (TMB)